

IN-QUEST

IN-QUEST

LW On average, who has the greatest number of hairs on their head – blond, brown or red heads?

PE What does a palaeontologist study – earthquakes, mountains or fossils?

SF If all the matter in the Universe was spread out evenly your living room would contain – 1, 10 or 1,000 atoms?

ER The average person consumes 2 tonnes of food and drink each year – true or false?

NT Do shortsighted people need convex or concave lenses?

F Bank cards can only be used with a PIN number – what does PIN stand for?

LW Does drinking alcohol raise or lower the body temperature?

PE How many active volcanoes are on Earth – 30,200 or 500?

SF Which planet is so light it can float on water – Jupiter, Saturn or Uranus?

ER Which is smaller, an electron, proton or neutron?

NT Air pressure inside a modern aircraft is like being 500 m, 2,500 m or 9,000 m above sea level?

F Many cars are now fitted with an ABS – what is this?

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LW Only one bird can fly backwards. Is it a hummingbird, a woodpecker or a bird of paradise?

PE Facing the centre of a low pressure system in the northern hemisphere is the wind from your left or right?

SF How many Earths would fit across the diameter of the Sun – 8, 110, 650?

ER What does natural gas mostly consist of – butane, methane, or propane?

NT Does a barograph – enlarge drawings, measure air pressure or print bar codes?

F Doctors use a type of sea coral – to filter blood, fill teeth or as a bone substitute.

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LW How much spiders' web would you need to circle the world – 5 gm, 170 gm or 1000 gm?

PE What is the average depth of the oceans – 4, 7 or 10 km?

SF When was Jupiter's Red Spot first noticed – 1664, 1801 or 1910?

ER A dynamo converts mechanical energy into what type of energy – light, heat or electricity?

NT In Braille what does one dot stand for – 1, A or E?

F When a rocket nears the speed of light does – time go faster, the rocket get longer or the rocket get heavier?

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LW The cells in your body are filled with what liquid – plasma, cytoplasm or ectoplasm?

PE How fast is America moving away from Europe – 2 cm, 80 cm or 4 m a year?

SF A neutron star is so dense that 1 cubic cm weighs – 10 tonnes, 1,000 tonnes or 10 million tonnes?

ER Where does the herb 'chives' originally come from – China, Italy or Russia?

NT Ships use sonar to detect underwater objects. What does 'sonar' stand for?

F A new infra-red light gadget can tell – if a person is pregnant, anemic or how much fat they have in their body?

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LW Vampire bats prefer to bite people's – neck, ears or toes?

PE About 1,500 earthquakes are detected every day. How many cause damage – 3, 50 or 1,000?

SF The Apollo capsule held three astronauts. How many did the Mercury capsule hold?

ER Where do most peanuts come from – USA, China or India?

NT Molten glass is floated on a bed of molten metal to make flat sheets. Is the metal mercury, lead or tin?

F Computers can have bugs and viruses. The latest problem is computer measles – true or false?

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LW Where in the body is the femur – the thigh, the calf or the upper arm?

PE What is the exact shape of the Earth – an oblate geode, a spherical ovoid or an oblate spheroid?

SF Which planet has its axis tilted over so it orbits on its side – Mercury, Uranus or Pluto?

ER What is beta radiation made of – electrons, protons or X-rays?

NT When was the first silicon chip produced – 1947, 1958 or 1964?

F Have burn victims benefited from the space program through pressurized suits, terylene cloth or coolant vests?

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LW What is the area of an adult's skin is about 2 sq m, 5, 25 or 70 sq m?

PE The Gulf Stream helps keep Britain warm. Does it come from – the Mediterranean or the Caribbean?

SF The star Algor is called the Demon Star because – it is red, it blinks, it's in the constellation of the Devil?

ER How many horse power can one person produce – 1/100th, 1/6 or 1/4 h.p.?

NT Where is the busiest underground system – Moscow, London or New York?

F The US marines' eye shades protect them against – the flash from nuclear bombs or lasers used in weapon guidance.

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IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

The thigh

An oblate spheroid (wider at the equator than the poles)

Uranus

Electrons

1958 (by Texas Instruments)

Coolant vests (water circulates through tubes to cool the skin)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

About 70 sq metres

The Caribbean

It blinks (changes in brightness)

1/8 h.p.

Moscow

Lasers used in weapon guidance (and in range finding and target detection)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

400 volts

The USSR (Canada is next at only half the size)

True (microscopic diamonds appear in space dust and meteorites)

An atomic particle

India (from Bengal)

The Statue of Liberty

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

Cytoplasm

2 cm a year

10 million tonnes

China

Sound Navigation And Ranging

How much fat is in their body (by measuring how much infra-red light is absorbed)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

Toes

3 a day on average

One

India

Tin

False

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

170 gm

Just under 4 km

1664

Electricity

The letter A

Rocket gets heavier (and shorter and time slows down)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

It lowers the body temperature (but raises the skin temperature)

About 500

Saturn (its density is 7/10ths that of water)

Electron

2,500 m

Anti-lock Breaking System

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

A hummingbird

Left

110

Methane

Measures air pressure

As a bone substitute (usually for hip replacement)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

Blond – 150,000 hairs (brown has 100,000, red has 60,000)

Fossils

About 10

False (the average is nearer half a tonne)

Concave lenses (lenses that are thinner in the middle)

Personal Identification Number

F Do CD players really use a laser beam to read the discs?

NT Which part of the Space Shuttle does NOT return to Earth – main engines, solid rocket boosters, the large external tank?

ER Is pasta made from rice flour, wheat flour or maize flour?

SF In which constellation can you find the bright reddish star called Betelgeuse?

PE How many States are there in the United States of America?

LW How big can a Great White shark grow – 7, 11 or 15 metres long?

IN-QUEST

F Deep-sea divers can suffer from nitrogen narcosis; is this known as the bends, the marks or the heliox?

NT How many storeys has the world's tallest building – 60, 110 or 148?

ER What form of energy is used to heat Iceland's capital city – solar, natural gas or geothermal?

SF How many stars make up a binary system – 2, 3 or any number?

PE Is San Francisco on the east or west coast of America?

LW Are corals animal, vegetable or mineral?

IN-QUEST

F What sort of information can you send on a fax machine – speech, drawings, letters, moving pictures or music?

NT The Shuttle's thermal tiles withstand enormous temperatures during re-entry, but how high – 900°C, 1,500°C or 3,500°C?

ER Which is the only metal that is liquid at room temperature?

SF What was the name of the first manned Lunar Lander that landed on the Moon?

PE There are five continents, including America, Africa, Eurasia and Oceania; name the fifth?

LW How many tentacles does a squid have – 6, 8 or 10?

IN-QUEST

F Is Black Coral used to make a hormone-like substance, anti blood-clotting drugs or the moving parts in hearing aids?

NT What does a graphic equalizer control on a hi-fi – the tuning, the volume or the tone of the sound?

ER Friesians, Shorthorns and Jerseys are all types of what animal?

SF What are Ceres, Juno and Pallas – satellites of Saturn, asteroids or meteorites?

PE Which is the world's tiniest country?

LW What is the aardvark's main diet – grass, snails or ants?

IN-QUEST

F The submersible Alvin has a remote-controlled robot – is it called Jasper Junior, Jordan Junior or Jason Junior?

NT Sea Eagle, Sea Skua and Shaddock are all names of what – battleships, sonar guidance systems or missiles?

ER When was the first oil well drilled – 1784, 1859 or 1902?

SF Which satellite in our solar system has the shortest name?

PE How many time zones are there in the world – 12, 18 or 24?

LW Is it true that a woman has more ribs than a man?

IN-QUEST

F What are optical fibres generally made of – glass, plastic or ceramic?

NT What metal was used to make the aero engine in the Wright brothers' Flyer – cast iron, aluminium or bronze?

ER Finish off Einstein's famous formula: $E = \dots$?

SF What is the name of Pluto's moon – Charon, Chiron or Krakon?

PE Is Lyme Regis, in Dorset, famous for its fossils, coloured sands, or strange rock formations?

LW Do snakes lay eggs or give birth to live young?

IN-QUEST

F A TV remote control unit sends out its signal using – radio waves, infra-red or ultraviolet rays?

NT How many colours are used to print the pictures in QUEST – 3, 4 or 7?

ER What part of the cassava plant does its tubers?

SF Where on Earth would you be if you could see the Pole star on the horizon?

PE It's lunch time in England what time is it in India – breakfast time, tea time or the middle of the night?

LW Is there such a bird as the Macaroni penguin?

IN-QUEST

F What is the meaning of the faint blue dots that the Post Office prints at the bottom of an envelope?

NT What is measured by a gun's 'calibre' – the length of the barrel, the diameter of the bore or the weight of the bullet?

ER Name the three major fossil fuels?

SF Which Shuttle was the first to fly following the Challenger disaster?

PE What is the highest mountain in Nepal?

LW How long is the world's largest Giant Squid – 5, 12 or 20 metres?

IN-QUEST

F Which of these information systems does NOT use the telephone lines – telex, fax, e-mail or Teletext?

NT If you wanted to photograph something in dim light would you choose a fast film or a slow film?

ER Do fluorescent paints glow at night?

SF What year will Halley's comet next return to our Sun – 2045, 2062 or 2086?

PE Where would you find a serac, a bergschrund and a moraine?

LW What is the world's largest bird – the ostrich, albatross or emu?

IN-QUEST

A large graphic for the 'IN-QUEST' program. The title 'IN-QUEST' is written in large, white, stylized letters on a dark blue background. Below the title, the word 'Answers' is written in a smaller, white, sans-serif font. To the right of the text, there is a vertical column of six colored circles, each containing a letter: a purple circle with 'F', a red circle with 'NT', a light blue circle with 'ER', a blue circle with 'SF', a green circle with 'PE', and a yellow circle with 'LW'. Below these circles is a white triangle pointing upwards.

IN-QUEST

Answers

- FW** (pink circle) A hormone-like substance – used to induce labour
- NT** (red circle) The tone
- ER** (teal circle) Dairy cattle
- SF** (blue circle) Asteroids
- PE** (green circle) Vatican city (with an area of 44 hectares)
- LW** (yellow circle) Ants

The image shows the 'IN-QUEST' logo at the top, with the word 'IN-' in a stylized font and 'QUEST' in a bold, sans-serif font. Below the logo is a vertical stack of six white question cards, each with a colored circle to its right. The cards and circles are as follows:

- Card: "The marks" (upside down) | Circle: Purple with letter 'F'
- Card: "110" | Circle: Red with letters 'NT'
- Card: "Geothermal (hot water from geysers is fed through the city's pipes)" (upside down) | Circle: Teal with letters 'ER'
- Card: "2" | Circle: Light blue with letters 'SF'
- Card: "The west coast" | Circle: Green with letters 'PE'
- Card: "Animal" | Circle: Yellow with letters 'LW'

At the bottom of the stack is a white triangle pointing upwards.

Jason Junior	F
Missiles	NT
1859 (at Titusville in Pennsylvania, USA)	ER
Is a satellite of Jupiter	SF
24	PE
No (both have the same number)	LW

IN-QUEST

Answers

▲

A graphic titled "IN-QUEST" in large, stylized white letters, with "ANSWERS" in smaller white letters below it. To the right of the title is a large white triangle. Below the title and triangle is a vertical column of six colored circles, each containing a letter: a purple circle with "F", a red circle with "NT", a green circle with "ER", a blue circle with "SF", a green circle with "PE", and a yellow circle with "LW". To the left of these circles are six horizontal white bars of varying lengths, each containing a question in black text, oriented vertically. The questions are: "It is the post code", "The diameter of the bore", "Coal, oil and natural gas", "Discovery", "Everest", and "20 metres".

IN-QUEST

ANSWERS

▲

F

NT

ER

SF

PE

LW

It is the post code

The diameter of the bore

Coal, oil and natural gas

Discovery

Everest

20 metres

A large graphic for 'IN-QUEST ANSWERS'. The title 'IN-QUEST' is in a large, stylized, outlined font, with 'ANSWERS' in a smaller, solid font below it. To the right of the text is a large white triangle. Below the text and triangle is a row of five colored circles, each containing a letter: a blue circle with 'F', a red circle with 'IN', a green circle with 'ER', a blue circle with 'SF', and a yellow circle with 'LW'. To the left of the text and triangle is a large white rectangle with a black border, containing the word 'Answers' in a large, bold, sans-serif font.

	IN-QUEST	ANSWERS
Both		
Its fossils		
Charon		
mc^2		
Aluminum		
Glass		

IN-QUEST

Answers

1. What is the only letter that is not on a telephone dial? **F**
2. What is the only letter that is not on a telephone dial? **NT**
3. No (but they show up extra bright in daylight or under ultraviolet light) **ER**
4. 2062 **SF**
5. On or near a glacier **PE**
6. The ostrich **LW**

- F** What is 'mag lev' short for?
- NT** breeder reactor – coal, hydroelectric or nuclear?
- ER** Which radio waves travel the furthest distance round the world – long waves or short waves?
- SF** How many moons are there orbiting Mars?
- PE** Which famous ship was sunk by an iceberg?
- LW** What is the green stuff in plants called?

IN-QUEST

- F** How do you write the number 4 in binary code – 1111, 101 or 100?
- NT** What are most plastics made from?
- ER** Where would you find a Dolby system?
- SF** What was the name of the Space Shuttle that exploded in 1986?
- PE** What are schist, gneiss and marl – Eskimo words for snow, types of rock, or parts of a volcano?
- LW** Are birds hot-blooded or cold-blooded?

IN-QUEST

- F** What is the simple name for a device that produces 'light amplification by stimulated emission of radiation'?
- NT** How deep is the deepest part of the Ocean?
- ER** What is Mach 1?
- SF** If a rock from outer space landed on Earth would it be a meteorite or a meteoroid?
- PE** How much land is covered by desert – a tenth, a sixth or a quarter?
- LW** Is the large intestine shorter or longer than the small intestine?

IN-QUEST

- F** Does a ruby laser produce red, green or white laser light?
- NT** What resource is used to produce hydroelectric power?
- ER** How many Concorde are there in active service – 2, 7 or 14?
- SF** What are Io, Europa, Ganymede and Callisto?
- PE** Is the Cape of Good Hope at the tip of South Africa or South America?
- LW** Which is the largest animal on Earth?

IN-QUEST

- F** What sort of arithmetic does a computer use – decimal, binary or hexadecimal?
- NT** What do diamond and soot have in common?
- ER** What colours are the dots on a colour TV screen – red, yellow and blue, red, green and blue, or red, yellow and green?
- SF** Is Mars bigger or smaller than Earth?
- PE** Which comes first, lightning or thunder?
- LW** What is the white of an egg called?

IN-QUEST

- F** What is a Moog?
- NT** What is sodium chloride more commonly known as?
- ER** Do train wheels have the flange on the inside or outside of the wheel?
- SF** What year did the first man step on the Moon?
- PE** In the northern hemisphere, which way do the winds in a hurricane blow – clockwise or anti-clockwise?
- LW** What does a criminal mean by 'dabs'?

IN-QUEST

- F** How many bits are there in a byte – 2, 4 or 8?
- NT** Which gives off more light, a 40 watt light bulb or a 40 watt fluorescent tube?
- ER** Which company makes the Testarossa car?
- SF** How many planets are there in our solar system?
- PE** What is the name of the canal that joins two oceans?
- LW** Is a sponge an animal, a vegetable or a mineral?

IN-QUEST

- F** What was the name of the computer in '2001 – A Space Odyssey'?
- NT** Does splitting the atom produce energy of fission or fusion?
- ER** Where would you find a 'woofar' – in a pet shop, in a loudspeaker or in a gas turbine engine?
- SF** How do you spell satellite?
- PE** What is the name of the second highest mountain above sea level on Earth?
- LW** How many teeth are there in an adult's mouth?

IN-QUEST

- F** In computing, what do the letters VDU stand for?
- NT** How many litres are in a barrel of oil – 133, 136, 189?
- ER** Which gas are hot air balloons filled with?
- SF** What is the name of the Soviet spacecrafts that landed on Venus?
- PE** In a rainbow, is red on the inside or the outside of the curve?
- LW** Where in the body is the tibia?

IN-QUEST

IN-QUEST

Answers

LW Chlorophyll

PE The Titanic

SF Two

ER Short waves

NT Nuclear

F Magnetic levitation

IN-QUEST

Answers

LW Hot-blooded

PE Types of rock

SF Challenger

ER In a tape recorder or player

NT Petroleum

F 100

IN-QUEST

Answers

LW Shorter

PE A quarter

SF A meteorite

ER The speed of sound

NT 11,034 m, the Marianas Trench in the Pacific Ocean

F Laser

IN-QUEST

Answers

LW The blue whale

PE South Africa

SF The four largest moons of Jupiter

ER 7

NT Water

F Red

IN-QUEST

Answers

LW Albumen

PE Lightning

SF Smaller

ER Red, green and blue

NT They are both made of carbon

F Binary

IN-QUEST

Answers

LW Fingerprints

PE Anti-clockwise

SF 1969

ER The inside

NT Salt

F A type of synthesizer

IN-QUEST

Answers

LW An animal

PE The Panama Canal

SF Nine

ER Ferrari

NT The fluorescent tube

F Eight

IN-QUEST

Answers

LW 32

PE K2

SF S-A-T-E-L-L-I-T-E

ER In a loudspeaker

NT Fission

F Hal

IN-QUEST

Answers

LW In the lower leg

PE The outside

SF Venera

ER Air

NT 133

F Visual Display Unit

IN-QUEST

Questions

LW What is the name of the world's largest rodent – capybara, bandicoot rat or porcupine?

PE What is ozone made of – fluorocarbon, a different form of oxygen, or a mixture of oxygen and carbon?

SF Does a refracting telescope use lenses or mirrors?

ER Which is the most toxic element – arsenic, plutonium or radium?

NT What material is used to make bullet-proof vests?

F If a spacecraft came too close to a black hole would it be torn apart or drawn in?

IN-QUEST

Questions

LW Which is the world's biggest fish?

PE What is the Argentinian name for the Falkland Islands – Maldives or Malvinas?

SF How hot is the surface of the Sun – 6 thousand °C, 6 million °C or 6 billion °C?

ER Which industry is the biggest user of silver?

NT Why are radio telescopes so large, is it because radio waves from space are so faint or the waves are so large?

F How high above the Earth are satellites for TV – about 5 km, 35 km, or all at different heights?

IN-QUEST

Questions

LW Where are the smallest bones in the body?

PE How deep is the Marianas trench in the Pacific Ocean – 11 km, 16 km or 23 km deep?

SF How long does it take for the Sun's light to reach Earth – 8 tenths of a second, 25 seconds or 8 minutes?

ER In which country might you find jellyfish on the menu?

NT The SAS are often called in to deal with a hijack or siege – what do the initials S.A.S. stand for?

F What is the 'ink' on a photocopy made from – spray paint, powdered paint and glue, or melted plastic?

IN-QUEST

Questions

LW How many bones are there in the human body – 84, 152 or 206?

PE Is New Zealand to the north or south of Australia?

SF What is the average temperature on Mars – 5°C, -13°C or -23°C?

ER What common vegetable is eaten as a fruit in pies, puddings or sauces?

NT Which city had the first underground railway – New York, Moscow or London?

F If you flew from London to New York in Concorde could you arrive earlier than you set out?

IN-QUEST

Questions

LW Is a silk worm really a worm?

PE What is the interval between contour lines on the pink-covered Landranger Ordnance Survey maps – 10 m, 15 m or 50 m?

SF Was it a Russian or American astronaut that made the first space walk?

ER What common substance is used to make glass?

NT What is the name of the latest police computer?

F How big a dish will you need to pick up the latest satellite TV – the size of a dustbin lid, a dinner plate or a 10p piece?

IN-QUEST

Questions

LW Is it a moth or a butterfly that has antennae with knobs on the end?

PE Which is Britain's second largest city?

SF How far does light travel in one second – 30,000 km, 300,000 km or 3,000,000 km?

ER Which country built the first major tidal power station – USA, Portugal or France?

NT Is there such a thing as a solar powered aircraft?

F If you wanted a telephone for your car would you buy a cellular phone, a cordless phone or an optical fibre phone?

IN-QUEST

Questions

LW What life form neither breathes, eats, nor moves?

PE The trade winds blow in the tropics near the equator, but do they blow from the west or east?

SF Sometimes planets move in front of stars and eclipse them, is this an occultation, an obstruction or an obscuration?

ER How many eggs can a hen produce in one year – 52, 250 or 450?

NT How many minutes recording time do you get on one side of a C90 tape?

F What is now thought to cause damage to the ozone layer – lead in petrol, aerosol sprays or white asbestos?

IN-QUEST

Questions

LW Which is the smelliest animal in the world – skunk, muskrat or zori?

PE How far is it by road from Lands End to John O'Groats – 900km, 1400km or 1900km?

SF If the Moon is 'waxing' are the crescents getting fatter or thinner?

ER How many packets of tea can be produced each year from 10 sq metres of land – 2, 15 or 75?

NT What does a CB user mean by a 'seat cover' – a pair of trousers, a crash helmet, or a passenger?

F What do the initials CAD stand for?

IN-QUEST

Questions

LW What is the anatomical name for the kneecap?

PE What is the diameter of the Earth – 6,000 km, 13,000 km or 23,000 km?

SF What is the name of Russia's largest launch vehicle – Energia, Proton or Leviton?

ER What is a big sardine called?

NT When did the first LP go on sale – 1948, 1958 or 1968?

F What is the French high speed train called – TGV, HGV or GBH?

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

Capybara (it is the size of a small pig)

A different form of oxygen (its molecular formula is O₃)

Lenses

Radium

Kevlar fibre

Drawn in (then crushed)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

The whale shark

Malvinas (the Maldives are near India)

6 thousand °C

The photographic industry

Because the waves are so large

About 35 km (at this height the satellite appears stationary in the sky)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

No (it's the larva of a moth)

10 m

A Russian (Alexei Leonov in 1965)

Sand

HOLMES

About the size of a dinner plate

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

In the ear

11 km

8 minutes

China

Special Air Service

Melted plastic

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

206

South

-23 °C

Rhubarb

London

Yes (70 mins earlier with Summer Time, 10 mins earlier in winter)

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

A butterfly (it's how you can tell the difference between them)

Birmingham

300,000 km

France (at St Malo in Brittany)

Yes (Solar Challenger flew over the English Channel in 1981)

A cellular phone

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

A virus

From the east

An occultation

250

45 minutes

Aerosol sprays

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

The African zoril – smell range 800m

Nearly 1400km

Fatter (the Moon is getting fuller)

About 15 packets (each weighing 125gm)

A passenger

Computer Aided Design

IN-QUEST

Answers

▲

LW

PE

SF

ER

NT

F

Patella

13,000 km (12,757 km at the equator to be exact)

Energia

A pilchard

1948

TGV (Train à Grande Vitesse)

IN-QUEST

Questions

LW A turbot is a species of fish, bird, or flower?

PE What is the tallest mountain in the Alps?

SF What was the name of the first Space Shuttle to fly into Space?

ER What do diamonds and pencil lead have in common?

NT The world's longest bridge is the Akashi-Kaikyo bridge in Japan. Is it 1,580 metres, 1,780 metres, or 1,980 metres?

F In the future, bicycle speed will increase from today's average of 24 km/h to 30 km/h, 40 km/h or 60 km/h?

IN-QUEST

Questions

LW Laver is an edible pinkish-purple plant, what family of plants is it a part of?

PE Fjords are long, narrow, steep-sided coastal inlets. What climatic condition causes them?

SF When astronauts go to sleep in outer space they need to strap themselves in their bunks. Why?

ER Cornelian is a mineral. Is it red, green, or blue?

NT The fastest helicopter can fly at 200 km/h, 400 km/h, or 600 km/h?

F Surgeons of the future may soon be able to perform bloodless surgery thanks to laser beams. True or false?

IN-QUEST

Questions

LW Where did bananas originate from: South America, South East Asia, or the Middle East?

PE What is a tornado commonly called in America?

SF T minus is the last stage in a space flight count down, when does it begin?

ER What is the greatest river complex in the world?

NT Trains in San Francisco's BART railway have no drivers. True or false?

F What is the name of the screen that displays letters on a computer called?

IN-QUEST

Questions

LW How do you spell hippopotamus?

PE Where is lake Okeechobee: Tanzania, Florida or Japan?

SF The Soviet Union's first Space Shuttle flight took place in 1986, 1988, or 1989?

ER What country is the most densely populated in Europe: Britain, the Netherlands, or Belgium?

NT Nappy manufacturers are planning to develop biodegradable nappies in the 1990s, true or false?

F Puchka is the proposed name of: the Russian Space program's next Shuttle, its 1990s Space station, or a new rocket?

IN-QUEST

Questions

LW What is the largest species of New World monkey?

PE Is the Harmattan a wind from Africa, Japanese for a tidal wave, or a type of glacier?

SF How many tiles does the US Space Shuttle have to protect it from high temperatures: 12,000, 22,000 or 32,000?

ER Which country has the largest population: China, the USSR, or India?

NT The USSR has built the world's largest helicopter with rotor blades spanning 27 metres, 67 metres, or 107 metres?

F What will the most common use of lasers be to the solder of the future?

IN-QUEST

Questions

LW What is a notornis?

PE Is the Orinoco river in Africa, South America, or Asia?

SF What is the flight path of a spacecraft or satellite as it circles the Earth called?

ER Meerschaum, found in Asia Minor, Morocco, Spain and Greece, is commonly used for pipes and carving. What is it?

NT In medical technology what does a PET scan stand for?

F Japan is building an artificial island that will one day be home to a million people. What is this island project called?

IN-QUEST

Questions

LW What is a gaval: a crocodile, a sheep, or a sloth?

PE The sirocco and harmattan winds originate in what desert?

SF Orbiting astronauts experience sunrise and sunset 8, 16 or 24 times a day?

ER What is amber?

NT Computer criminals are commonly called what?

F In the future, paper passports will be replaced by what?

IN-QUEST

Questions

LW What is the smallest member of the ape family?

PE What was Zimbabwe formerly known as?

SF The first TV pictures were relayed across the Atlantic in 1962. What was the satellite responsible?

ER Are the 'roaring forties': strong westerly winds, a strong system of ocean currents, or a series of waterfalls?

NT In Australia, the \$10 note is made of: plastic, waxed cotton, or recycled vegetable matter?

F What is the 'Brilliant Pebble'?

IN-QUEST

Answers

- The gibbon
- Rhodesia
- Telstar
- Strong westerly winds
- Plastic
- One of a barrage of self-seeking anti-missile 'hittles'

IN-QUEST

Answers

206

Germany, France and Belgium

Snowstorm

2,500

Light Amplification by Stimulated Emission of Radiation

No

▲

LW

PE

SF

ER

NT

F

IN-QUEST	Answers	<div>▲</div> <div>LW</div> <div>PE</div> <div>SF</div> <div>ER</div> <div>NT</div> <div>F</div>
hippopotamus	Florida	1988
The Netherlands	True	The Russians' next Space Shuttle

As range-finders on rifles and tanks	F
67	NT
China	ER
32,000	SF
A wind from Africa	PE
The howler monkey, found in Central America	LW



IN-QUEST

Answers

IN-QUEST

Answers

The Ocean Communications City

Position Emission Tomography

A light white clay

Orbit

South America

A large flightless bird found in New Zealand

F

NT

ER

SF

PE

LW

A graphic titled "IN-QUEST" in large, stylized white letters, with "Answers" written below it in a smaller, sans-serif font. To the right of the title is a large white triangle. Below the title and triangle are seven horizontal white bars, each containing a question. To the right of each bar is a colored circle containing the answer. The questions and answers are as follows:

Question	Answer
True	F
400 km/h	NT
Red	ER
To stop them floating about	SF
Glaciation	PE
Seaweed	LW

IN-QUEST

Answers

- 40 km/h **F**
- 1,980 metres **NT**
- They are both forms of carbon **ER**
- Columbia **SF**
- Mont Blanc, France **PE**
- A species of fish **LW**

IN-QUEST

LW Is the Munjac a species of flower, deer, or fish?

PE Etna is Europe's highest volcano; it is also one of the world's most active. Where is it?

SF Can you name the five orbitors or Space Shuttles built in the USA?

ER Are there any active volcanos in Antarctica?

NT Optical fibres are now increasingly used in telecommunications. What are optical fibres made of: copper, glass, or gold?

F Carbon fibre disc brakes are better than steel ones, so why aren't they fitted to today's cars?

Questions

IN-QUEST

LW Is the emperor marmoset a fish, eagle, or monkey?

PE Buttes and Mesas are upland areas found in deserts. Which are larger?

SF A piece of Space junk re-enters the Earth's atmosphere every day, every week or every month?

ER What country has the world's largest known deposits of uranium: the USSR, the USA or China?

NT Holograms are increasingly used on credit cards as a form of security, why is this?

F Lunar colonists would have to get used to month-long days and nights. True or false?

Questions

IN-QUEST

LW Lynx kittens are born blind. How many days does it take for their eyes to open: 2, 6, or 10?

PE Is the Coral Sea in: the South Pacific, the South Atlantic, or the Indian Ocean?

SF Although the Moon is airless, its soil contains oxygen. True or false?

ER What mineral is the lead in pencils derived from?

NT How many hours air supply does the US astronaut's Manned Manoeuvring Unit have 2, 6, or 12 hours?

F Construction of the US Space Station has been planned for 1995, 2000, or 2005?

Questions

IN-QUEST

LW Are skinks a species of lizard, fox or deer?

PE The North Pole is the Northern end of the Earth's axis. Is it at 90°N Longitude 0, 180°N Longitude 0, or 360°N Longitude 0?

SF The Soviet Union's Energen Rocket is the world's most powerful. True or False?

ER Iron makes up 1 per cent, 3 per cent or 5 per cent of the Earth's crust?

NT What is the record for the highest flight by a helicopter: 6, 8, or 12 km?

F CAD is increasingly a feature in high technology. What does CAD stand for?

Questions

IN-QUEST

LW What is a rhea?

PE Is Jutland part of Finland, Denmark, or Norway?

SF What age was the oldest person on a space flight: 48, 58, or 68?

ER Cumulonimbus, nimbostratus and stratus are all what?

NT Compact disc players use what type of new technology to provide their high-quality sound?

F What is Le Cicio?

Questions

IN-QUEST

LW Is the peregrine a species of eagle, a hawk, or a falcon?

PE How much of an iceberg projects above the water: half, a quarter, or less than a tenth?

SF What US Space Shuttle was built and only used for test flights within the Earth's atmosphere?

ER What are the three states of matter?

NT Lasers are now increasingly used in technology. When was the first laser invented: 1940, 1960, or 1980?

F In the future, robots may be built that look and act like humans, what are these called?

Questions

IN-QUEST

LW Is the tomato a fruit or a vegetable?

PE What country lies partly on the North American continent and partly in Central America?

SF How many people have travelled in Space: 75, 150, or over 200?

ER Most of the world's coal was formed: 3 million, 30 million or 300 million years ago?

NT How many cosmonauts were aboard the first Soviet Space Shuttle flight: 0, 2, 4?

F What does HDTV stand for?

Questions

IN-QUEST

LW Is a terrapin a duck, a turtle, or a toad?

PE Godwin-Austen is the world's second tallest mountain. What is it popularly known as?

SF Which astronaut has made the most space flights: John Glenn, Neil Armstrong, or John Young?

ER Potassium chlorate is a common oxidant in what?

NT An important tool on board the Space Shuttle is its Remote Manipulator System (or RMS). What is the RMS?

F Scientists wish to develop a new type of computer chip for computers modelled on the human brain. What is this chip called?

Questions

IN-QUEST

LW Squirrels are found throughout much of the world; how many species are there: 67, 167, or 267?

PE Precipitation is another term for what?

SF What is the largest crew carried on a single space mission?

ER How many km/h does a tropical evolving storm have to travel to be upgraded to a hurricane: 80, 100, or 120 km/h?

NT On a spacecraft what function does a thruster perform?

F In the future, railways will be run without human drivers and be fully automated. True or false?

Questions

The image shows the 'IN-QUEST' logo at the top, with 'IN-' in a smaller font and 'QUEST' in a larger, stylized font. Below the logo is a vertical stack of six white rectangular boxes, each intended for an answer. To the right of the boxes are six colored circles, each containing a letter: a purple circle with 'F', a red circle with 'NT', a green circle with 'ER', a blue circle with 'SF', a yellow circle with 'PE', and a light green circle with 'LW'. At the bottom right of the image is a white triangle pointing upwards.

A graphic titled "IN-QUEST ANSWERS" in large, bold, white letters. Below the title is a vertical stack of seven white rectangular boxes, each containing a number. To the right of each box is a colored circle containing a letter. The circles are arranged in a column, with the letters F, NT, ER, SF, PE, and LW. The bottom circle is yellow and contains the letter LW. The top circle is purple and contains the letter F. The second circle is red and contains the letters NT. The third circle is green and contains the letters ER. The fourth circle is blue and contains the letters SF. The fifth circle is green and contains the letters PE. The sixth circle is yellow and contains the letters LW. The bottom circle is yellow and contains the letter LW. The bottom circle is yellow and contains the letter LW.

Question Number	Answer
1995	F
6 hours	NT
Graphite	ER
True	SF
South Pacific	PE
10	LW

Computer Aided Design	F
12 km	NT
5 per cent	ER
True	SF
90° N Longitude 0	PE
Lizard	LW

Answers

IN-QUEST

▲

High Definition Television

None, it was entirely flown by automation from Soviet mission control

300 million years ago

Over 200

Mexico

A fruit

F

NT

ER

SF

PE

LW

Answers

IN-QUEST

IN-QUEST

Answers

1	A blöchip	F
2	It's a robot arm used to take hold of objects floating in space.	NT
3	Matches and fireworks	ER
4	John Young – he has made six space missions	SF
5	K2	PE
6	Turtle	LW

IN-QUEST

Answers

267	LW	
Rain, snow, sleet or hail	PE	
Eight on the space shuttle Challenger in 1985	SF	
120 km/h	ER	
It is a tiny rocket motor used to make adjustments to a spacecraft's position.	NT	
True	F	

IN-QUEST ▲ Questions

LW One species has survived volcanoes, hurricanes, flood, dinosaurs, etc, since the beginning of time. Which is it?

PE Worldwide there are more men than women, true or false?

SF Can you have video discs as well as video tapes?

ER Which is the top beer producer, USA, West Germany or USSR?

NT Which is the 'Red Planet'?

F What possible fuel of the future powers the Starship Enterprise of TV's *Star Trek*?

IN-QUEST ▲ Questions

LW A chameleon's tongue can be extended to the same length as its body, true or false?

PE Which is the world's most valuable gemstone, the diamond, the ruby or the sapphire?

SF Can a byte be equal to a number, a letter or a punctuation mark?

ER Where is the longest oil pipeline, Saudi Arabia, Venezuela or Canada?

NT How long would it take a plane travelling at 1,810 km/h to reach Pluto, 170, 370 or 770 years?

F What controversial discovery in 1989 promised a cheap, clean and limitless source of energy?

IN-QUEST ▲ Questions

LW What are deciduous teeth?

PE How many countries are there without a coastline, 16, 26 or 46?

SF Which liquid expands the most: water, alcohol or salt water?

ER What is a hologram?

NT People are taller in space, true or false?

F The AIDS virus has been killed under laboratory conditions, true or false?

IN-QUEST ▲ Questions

LW What snake eats other snakes?

PE Which is the newest country?

SF Is the information on laser discs analogue or digital?

ER Which is the top wine producer in the world: France, Spain or Italy?

NT What are the dark areas you can see on the surface of the Moon?

F Scientists have copied a Brazilian tomato to develop a long-life gene, make tastier tomatoes or make them firmer?

IN-QUEST ▲ Questions

LW Which is the world's tallest tree?

PE Which city is known as the city of jewels?

SF In computers what does RAM stand for?

ER Where is the largest switchboard in the world?

NT Which is the second biggest planet in the solar system, Jupiter, Neptune or Saturn?

F Antimatter space propulsion could be with us in 10, 50 or 100 years' time?

IN-QUEST ▲ Questions

LW What is the main difference between insects and spiders?

PE A human being can survive for 3, 4 or 5 days without water

SF A compact disc has over 2, 5 or 10 billion musical 'bits'

ER Deoxyribonucleic acid, the basic chemical constituent of a gene, is commonly abbreviated to what?

NT When was the first true radio telescope built, 1937, 1973 or 1965?

F An American company is developing a meter to watch people watching television, true or false?

IN-QUEST ▲ Questions

LW Which is the mammal with the highest blood pressure?

PE What proportion of planet Earth are the oceans?

SF What is 'video'?

ER Bayerslöh, Motoren, Werke are makers of one of the most prestigious range of cars. What are they better known as?

NT What is astronomy?

F What fuel of the future can be grown in fields?

IN-QUEST ▲ Questions

LW Which is the fastest growing plant?

PE Which is the top wool producer in the world, Australia, New Zealand or USSR?

SF What is a relay?

ER Which is the top tea grower in the world, China, Sri Lanka or India?

NT Where is the highest mountain in the solar system: Venus, Earth or Jupiter?

F What's the biggest drawback to the current use of antimatter as a fuel?

IN-QUEST ▲ Questions

LW A flightless bird the size of a turkey is now extinct, what was it called?


PE What is a monsoon?

SF Energy is measured in kilogrammes, joules, Newtons or degrees?

ER Once made, concrete goes on getting harder over the next 20 years. True or false?

NT Where is the world's largest radio telescope, USA, USSR or Germany?

F A future source of protein is found somewhere in every car. What is it?

IN-QUEST  Answers

LW The dodo


PE A wind of the Indian ocean which changes direction season by season.

SF Joules

ER False. It goes on getting harder for the

NT In Puerto Rico, USA – its dish measures 305 metres across, wider than 3 football fields

F Petrol. A bacteria which grows on petrol is now being investigated.

IN-QUEST  Answers

LW The number of legs: spiders have eight; insects six


PE Only 3 days before collapse and death occurs

SF Over 5 billion

ER DNA

NT 1937

F True, the David Samoff Research Centre in Princeton is working on a passive people-meter

IN-QUEST  Answers

LW The first set of teeth in mammals


PE There are 26 countries

SF Water

ER A three-dimensional laser image

NT True, as there is no gravity, the discs in the backbone stretch a little

F True, gene drugs called 'oligos' have killed the herpes and AIDS virus in the lab

IN-QUEST  Answers

LW Bamboo, it can shoot up 90 cms in a day and reaches a height of 30 m


PE Australia, with 722,000 tonnes per year

SF Relays are electronic switches activated by an electromagnet

ER India, 565,000 tonnes per year

NT Venus – it's called Maxwell Montes and it's more than 2 km higher than Mt Everest

F More energy is needed to make it than it can provide

IN-QUEST  Answers

LW The Californian redwood. It is 63 times taller than the average man


PE Ratnapura in Sri Lanka because of the amazing variety of gems found there

SF Random access memory

ER The White House in Washington

NT Saturn

F 50 years is the best current estimate

IN-QUEST  Answers

LW True


PE The ruby

SF It can be all three

ER It runs from Canada to Buffalo in USA, a distance of 2,856 km

NT 370 years

F Cold fusion

IN-QUEST  Answers

LW The giraffe


PE Two thirds

SF A way of electronically recording pictures and sounds on tape or disc

ER BMW

NT The study of the stars and heavenly bodies

F Ethanol, a maize (corn) based fuel

IN-QUEST  Answers

LW The king cobra


PE Brunei, which became independent from Britain in 1984

SF It's analogue

ER Italy

NT They are seas of volcanic lava

F All three

IN-QUEST  Answers

LW The cockroach

PE True, except in Russia where the ratio is 7 women to every 6 men

SF Yes, though you cannot record the discs yourself

ER USA

NT Mars

F Antimatter

IN-QUEST

Questions

LW How fast does a whale's heart beat – 9, 60 or 180 times a minute?

PE Apart from Australia, the largest island on Earth is called Kalaeli Nunaat – how is it better known?

SF The brightest star is –1.4 magnitude, the Moon is –12.7. What is the Sun – –27, –167 or –2,600?

ER What is –40° Fahrenheit in degrees Centigrade?

NT When was the antibiotic penicillin discovered – 1860, 1892 or 1928?

F How many bytes of information can you put on a 1 megabyte computer disc – 1000, 10,000 or 1 million?

IN-QUEST

Questions

LW Which can live for nearly a year without eating, a camel, a snake or a sloth?

PE Which country owns the Galapagos Islands – Peru, Ecuador or Colombia?

SF Has anyone from Britain ever gone into space – yes or no?

ER Does double glazing cut down heat loss by reducing conduction, convection or radiation?

NT The first submarine was built by the Dutch in 1620. Was it propelled by steam, dolphins or oarsmen?

F A tiny computer can display a full 80 characters by 25 lines – is it 20, 50 or 150 mm square?

IN-QUEST

Questions

LW Which botanical family does the onion belong to – the lily, the grasses or the tulip?

PE How many countries are there in Europe – 15, 27 or 33?

SF What was Cape Canaveral called in the 1970s.

ER If you set a raw egg and a hard-boiled egg spinning, which would stop first?

NT Which plane flew round the world without stopping to refuel – Voyager, Challenger or Concorde?

F A new computer translates words hand-written on the screen into proper text to edit. True or false?

IN-QUEST

Questions

LW How many hairs are there on an average human's head – 10,000, 100,000 or a million?

PE How many time zones are there in China – 1, 4 or 7?

SF The Andromeda Galaxy is the most distant object visible to the unaided eye – true or false?

ER What colour is sapphire – clear, yellow or blue?

NT What gives off the light you see in a fluorescent tube – the gas, or phosphor powder inside the glass?

F How big are the latest mini CDs – 50 mm, 75 mm or 85 mm?

IN-QUEST

Questions

LW How many hummingbird eggs weigh ten grams – 4, 25 or 70

PE If the forecast for the next few days is high pressure is the weather likely to be rainy, settled or windy?

SF What is the longest the soviets have stayed up in space – 10 weeks, 9 months or 1 year?

ER Which is heavier, cream or milk?

NT What do you call a machine for removing seeds from cotton – a pipper, a comb or a gin?

F What is special about the first Sunday after the first full moon after the first day of spring each year?

IN-QUEST

Questions

LW Marsupials (mammals with pouches) are found in America – true or false?

PE When is mid-summer's day – 21 June, 24 June or 4 July?

SF What is the common name for the Pleiades star cluster visible in Dec. – Beehive or Seven Sisters?

ER Which food provides calories without any nutrition – animal fat, white sugar or black coffee?

NT When was the vacuum cleaner invented – 1725, 1856 or 1901?

F How many of the latest floppy discs would it take to store Encyclopedia Britannica – 18,350 or 1,100?

IN-QUEST

Questions

LW Where in the body are the pectoral muscles – on the jaw, the chest or the upper arms?

PE In Britain can you ever see a rainbow looking south – yes or no?

SF What are Saturn's rings made of – dust and rocks, water ice or dry ice?

ER Fossil fuels were created during the carboniferous era. Was that 3, 46 or 350 million years ago?

NT Is a hydrofoil just the American name for a hovercraft – yes or no?

F The Voyager plane flew round the world without landing or refuelling. Did it take – 3, 5 or 9 days?

IN-QUEST

Questions

LW How much air can an adult's lungs hold – 2 litres, 3 litres or 5 litres?


PE Which chemical is mostly responsible for acid rain – sulphur dioxide, nitrous oxide or both?

SF On which planet would you find areas called ishtar terra and Maxwell montes – Mars or Venus?

ER What happens if you drop a lump of sodium into a can of petrol – it forms a rubbery blob, or nothing happens?

NT What is the height record for a balloon ascent (in a pressurized container) – 8 km, 22 km or 35 km?

F How many compact discs are needed to store the Encyclopedia Britannica – 1, 6 or 26?

IN-QUEST 

Answers

LW 3 litres


PE Both (from factory smoke and exhaust)

SF Venus

ER Nothing happens – but it would spontaneously ignite if dropped into water

NT 35 km

F One – with plenty of space left over

IN-QUEST 

Answers

LW The front of the chest


PE No (rainbows are always opposite the Sun, and the Sun is never in the north)

SF Mostly water ice

ER 350 million years ago

NT No (a hovercraft rides on a cushion of air while a hydrofoil rides on small wings under water)

F 9 days (9 days 3 minutes and 44 seconds exactly)

IN-QUEST 

Answers

LW True (there are marsupials in North and South America)


PE 24 June

SF Seven Sisters (you should be able to see 6 or 7 stars)

ER White sugar

NT 1901 (by Hubert Booth of the UK)

F 18,350 (assuming they are 1 megabyte floppy discs)

IN-QUEST 

Answers

LW About 30 cm

PE You are back at the south pole

SF Energia

ER No: the smell is added for safety purposes

NT Blood pressure

F B-2

IN-QUEST 

Answers

LW About 25 eggs


PE Settled (often clear in summer but foggy or frosty in winter)

SF About 9 months

ER Milk (the cream floats because it is lighter)

NT A cotton gin

F It is Easter

IN-QUEST 

Answers

LW A snake


PE Ecuador

SF No – though several are trained to fly on the Shuttle

ER Conduction – though it also stops convection near the surface

NT It was propelled by oarsmen!

F 20 mm (it fits on to spectacles and appears in focus about half a metre away)

IN-QUEST 

Answers

LW 100 thousand (assuming they are not going bald)


PE 1 – though there should be four time zones

SF True – it is 20 billion billion km away

ER Blue, but the gemstone sapphire can have many colours

NT The phosphor powder (the gas gives off invisible ultraviolet that causes the paint to glow)

F 75 mm

IN-QUEST 

Answers

LW The lily family

PE 33

SF Cape Kennedy

ER The raw egg (the contents slosh around and create internal friction)

NT Voyager

F True (but it has to be trained to read the handwriting first)

IN-QUEST 

Answers

LW 9 times a minute

PE Greenland

SF Magnitude –27

ER -40°C

NT 1928

F 1 million

IN-QUEST

LW How many feathers are there on an average-sized robin – 400, 1,000 or 3,000?

PE Which gas makes up over three quarters of the air we breathe – nitrogen, carbon dioxide or oxygen?

SF Which country is NOT developing a space shuttle – Japan USSR or France?

ER What is another name for black gold – iron, titanium or oil?

NT When was the world's first computer used – 1948, 1957 or 1964?

F Why is the metal nitinol good for sunglasses? It is anti-allergic, returns to shape or is lightweight?

LW Kangaroos are strong swimmers – true or false?

PE Where are you least likely to find clouds – over the ice caps, middle of the oceans or over a desert?

SF How many men have walked on the Moon – 6, 12 or 14?

ER Which nation drinks the most wine – Italy, France or Germany?

NT The first electric oven was used in 1889. Was the microwave cooker invented in 1924, 1953 or 1979?

F In a CVT car, CVT stands for Continuously Variable what – Tyres, Tracking or Transmission?

IN-QUEST

LW Do penguins live at the north pole, south pole or both?

PE How hot is a bolt of lightning – 900°C, 6,000°C or 30,000°C?

SF Who was the first American to enter space – John Glenn, Alan Shepard or Yuri Gagarin?

ER What metal is added to silver to produce sterling silver – tin, gold or copper?

NT At what angle do you aim a cannon to reach the greatest distance – 30°, 45° or 60° from the horizon?

F If you add saccharin to denatonium benzoate do you get the most horrible taste or a new toothpaste?

LW Which animal lives in a hole – a fox, weasel or otter?

PE Apart from Chinese and English, what is the most spoken language – Spanish, Hindi or Russian?

SF Has Britain ever launched its own satellite – yes or no?

ER Does angora wool come from goats, rabbits or sheep?

NT An Electra Glide is a type of – razor, lawn mower or motorbike?

F Some buses in Sweden have no engines. What moves them – a chain in the road or large flywheels?

LW What is alluraphobia – fear of cats, hair or garlic?

PE In Britain are the winds generally from the north, south, east or west?

SF Is the first stage of a rocket the one at the top or the bottom?

ER What is a common name for an aubergine – eggplant, ladies fingers or sweet potato?

NT In which of these countries do they drive on the right – Sweden, Japan, Australia, the USA, or all four?

F Was the first successful artificial heart implanted in a human named Jarvik-7, Alvin-1 or Markov-B?

IN-QUEST

LW There are 200 million people in the USA. How many cats and dogs are there – 5, 100 or 500 million?

PE How far below sea level is the Dead Sea – 20 metres, 150 metres or 400 metres?

SF At what height does the Space Shuttle orbit above the Earth – 200 km, 5,000 km or 22,000 km?

ER Where does paraffin come from – wells, plants, or is it made from crude oil?

NT On a ship is starboard to the left or right?

F The latest superconductors work at relatively high temperatures, but how high – 230°C, –150°C or –10°C?

LW How long has a human survived without food or water – 4, 11 or 18 days?

PE In Australia do people celebrate Christmas in winter or summer?

SF What was the name of the first satellite to orbit Earth?

ER Gold is so soft that a single gram can be drawn into a wire as long as – 50 metres, 500 metres or 1 km?

NT What, exactly, is Big Ben – a clock, a tower or a bell?

F How easy is it to clone a plant – impossible, you need a school lab, or anyone can do it?

IN-QUEST

LW Which is the tallest animal alive today?

PE What are the white fluffy clouds called – stratus, nimbus or cumulus?

SF How fast must a rocket travel to escape the pull of Earth's gravity – 9,000, 27,000 or 40,000 km/h?

ER A puncheon, pipe and tun are all measures of what – wine, copper wire or fish?

NT On a telephone dial does the zero come next to the 1 or 9?

F You can now buy electric 'net curtains' that switch windows from clear to translucent – true or false?

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IN-QUEST  **Answers**

LW 100 million (one animal for every two people)


PE 400 metres below sea level

SF About 200 km above the Earth

ER It is made from crude oil or coal

NT The right

F -150°C (but this may soon improve)

IN-QUEST  **Answers**

LW South pole


PE 30,000°C (5 times hotter than the surface of the Sun)

SF Alan Shepard (though Glenn was first American to orbit the Earth)

ER Copper

NT 45° (the same goes for throwing a ball)

F The most horrible taste in the world apparently

IN-QUEST  **Answers**

LW True


PE Over a desert (because there is no moisture)

SF 12 (all American)

ER France

NT 1953

F Transmission

IN-QUEST  **Answers**

LW Fear of cats


PE West

SF The bottom (it's the first to ignite)

ER Eggplant

NT The USA and Sweden (the others drive on the left like the UK)

F Jarvik-7, after the doctor who operated.

IN-QUEST  **Answers**

LW An otter


PE Russian

SF Yes (Prospero was launched in 1969 on the Black Arrow rocket)

ER Goats

NT Motorbike

F Large flywheels (they are spun up every kilometre)

IN-QUEST  **Answers**

LW The ant


PE 9,000

SF In the USSR

ER Black radiates most heat – matt black is best

NT They were invented by Mr Camel

F Buran

IN-QUEST  **Answers**

LW 18 days is the record


PE In summer (but still on 25 December)

SF Sputnik

ER 1 km

NT A bell

F Anyone can do it. (Many plants can be cloned by planting a cutting or leaf or part of a stem)

IN-QUEST  **Answers**

LW The giraffe


PE Cumulus

SF 27,000 km/h is the Earth's escape velocity

ER Wine

NT 9

F True – the glass contains a layer of liquid crystals

IN-QUEST  **Answers**

LW 3,000

PE Nitrogen

SF Japan

ER Oil

NT 1948 (called the Manchester Mark I)

F It can return to shape – if heated

IN-QUEST

Questions

LW Is rhubarb a fruit or vegetable?

PE What are regs?

SF Which galaxy is considered the twin to our own?

ER When was oil discovered in the North Sea?

NT MIT is often at the forefront of new technology breakthroughs, what does MIT stand for?

F In 1989 why did the Hipparcos satellite fail to reach its designated orbit.

IN-QUEST

Questions

LW Where does a female seahorse lay its eggs?

PE What is a stirocco?

SF Alpha Centauri is the star system closest to our own. Is it 4 light years away, 40 light years away or 400 light years away?

ER In what country did an earthquake kill the greatest number of people, China, Russia, or India?

NT What does IBM stand for?

F The Saturn V booster rocket has a thrust equivalent to what number of 747 jet aircraft: 10, 25 or 50?

IN-QUEST

Questions

LW What is a myrtle? A turtle, a saltwater fish, or a small shrub?

PE What is the study of tectonics?

SF Quasars are the most distant objects in space, what is the term Quasar derived from?

ER What are Tsunamis caused by, earthquakes, winds, or the moon?

NT What is a robot breeder?

F The transporter which takes the space shuttle to its launch pad is the largest vehicle in the world, yes or no?

IN-QUEST

Questions

LW In what two countries can alligators be found?

PE What is brine?

SF What was Yuri Gagarin's famous spacecraft called: Vostok 1, Sputnik 1, or Salyut 1?

ER In what country is the capital city's swimming pool heated by geothermal energy?

NT What do catalytic converters do?

F What does ARPA stand for?

IN-QUEST

Questions

LW What is the smallest warmblooded vertebrate?

PE How long is the English Channel, 560 km, 720 km, or 830 km?

SF In 1971, 3 Soviet cosmonauts were killed in their spacecraft, yes or no?

ER Was the first solar heating panel designed in the 18th, 19th, or 20th century?

NT What is coal derived from?

F Who is currently developing a machine to send 3-D images?

IN-QUEST

Questions

LW Where is the taiga?

PE Fjords are steep coastal inlets. How are they formed?

SF What are the smallest type of stars called?

ER Is the temperature of the core of the earth as hot as the surface of the sun?

NT Japan is now developing its newest generation of computers. What generation is this?

F Is the Hubble, a type of telescope, a rocket, or a new microchip?

IN-QUEST

Questions

LW What is the largest living member of the deer family?

PE The Iberian Peninsula contains two countries. What are they?

SF What was the name of the first unmanned robot controlled spacecraft?

ER What does the 'Big Bang' theory refer to?

NT In aircraft safety what does ACES stand for?

F How long will it take Voyager 2 to reach the star Sirius, 3,000 yrs, 30,000 yrs, or 300,000 yrs?

IN-QUEST

Questions

LW Is the grayling a species of fish, bird or dog?

PE What are geysers?

SF Who was the first woman in space?

ER What nation has the highest ratio of robots to human workers?

NT What is the Stealth technology designed to do?

F How long does it take for power station radioactive waste to cease to be harmful?

IN-QUEST

Questions

LW Snakes have no external ears, but do they have eardrums?

PE What are the Azores?

SF When was the first manned flight around the Moon?

ER In what country did the first solar power station become connected to the national grid?

NT Japan's bullet train is being updated to achieve what new speed?

F Is the use of oil likely to increase in the future?

IN-QUEST

Answers



LW

A vegetable

PE

Lowland desert plains covered with stones or gravel

SF

M81

ER

1966, off the coast of Denmark

NT

Massachusetts Institute of Technology

F

It suffered from engine problems and never got high enough to work properly

IN-QUEST

Answers



LW

In the pouch of the male

PE

A warm wind out of Africa

SF

4 light years

ER

China in 1556 lost 830,000 people

NT

International Business Machines

F

50

IN-QUEST

Answers



LW

A species of shrub

PE

The study of the Earth's crust

SF

Quasi-stellar radio source

ER

Earthquakes

NT

A self-producing, automated robot

F

Yes

IN-QUEST

Answers



LW

China and USA

PE

Water saturated with salt

SF

Vostok 1

ER

Iceland

NT

Remove harmful substances from car exhaust

F

The Advanced Research Projects Agency

IN-QUEST

Answers



LW

The Humming bird

PE

560 km

SF

Yes

ER

18th

NT

From decayed vegetable matter over the course of millions of years

F

The USA

IN-QUEST

Answers



LW

The region between high pine forest and the tundra

PE

The movement of glaciers

SF

Neutron stars

ER

Yes

NT

5th

F

A type of telescope

IN-QUEST

Answers



LW

Moose

PE

Portugal and Spain

SF

Progress 1

ER

The birth of the Universe

NT

Advance Concept Ejection Seat

F

300,000

IN-QUEST

Answers



LW

Fish

PE

Natural hot springs

SF

Valentina Tereshkova

ER

Sweden: 30 to every 10,000 workers

NT

Evasive radar detection

F

700 to 1000 years

IN-QUEST

Answers



LW

No

PE

A group of islands in the Atlantic

SF

1968, Apollo 8

ER

Italy in 1981

NT

300 mph

F

Yes

IN-QUEST

Questions

LW What is another name for maize?

PE Where are Antigua and Monserat found?

SF The Hubble Space telescope will enable scientists to see 2 times, 7 times or 10 times further into Space than at present?

ER What is the heaviest alkali metal: lithium, rubidium or francium?

NT How many crewmen do today's aircraft carriers carry: 5,000, 7,000, or over 10,000?

F In medical science, are there plans to do brain tissue transplants in the next decade, century or none at present?

IN-QUEST

Questions

LW How fast can a Cheetah run: 65 km/h, 90 km/h, or 112 km/h?

PE Madeira are a group of volcanic islands in what ocean: Atlantic, Pacific or Indian?

SF Which planet is larger, Mars or Venus?

ER Is Illite a type of clay, lava or salt?

NT What is the difference between the Airbus A320 and A321?

F A new Ferry service began operating across the English Channel in 1993. What is different about it?

IN-QUEST

Questions

LW Are flying gurnards a type of frog, squirrel or fish?

PE Is the Matterhorn in Germany on the Swiss-Italian border or the French-Spanish border?

SF Is Pluto 5,900 million km, 778 million km or 227 million km from the Sun?

ER How fast is 100 knots per hour: 87, 187 or 287 km/hr?

NT Traditional bikes have 3, 5 or 10 gears. How many do today's mountain bikes have?

F In the future, pilots' heads may be wired into computer systems to ensure against pilot error, true or false?

IN-QUEST

Questions

LW Are Damsons small trees, a species of deer, or large fresh water fish?

PE Is the tallest peak in Australia Mt Krakatoa, Mt Kettlehole, or Mt Kosciuszko?

SF NASA and ISAs are the space agencies of what countries?

ER What is another name for calcium carbonate?

NT Future advances in nuclear propulsion may enable spacecraft to travel to Mars in 3 months, 6 months, or 12 months?

F The Russians are planning a trip to Mars in the next decade. Once there, how long do they plan to stay before returning to Earth?

IN-QUEST

Questions

LW Where is poison ivy found, Ireland, the USA or South Africa?

PE Is Cyprus in the Indian Ocean, the Black Sea or the Mediterranean?

SF Where is the Kagoshima Space center: China, Russia or Japan?

ER What is another name for obsidian?

NT The Holmes is a master computer system used in crime control. What does Holmes stand for?

F The USA estimate it will be ready to launch a manned mission to Mars in 6 years, 10 years or 20 years?

IN-QUEST

Questions

LW What colour are Polar Bears?

PE Is the Earth 101 million years old, 4,600 million years old or 80,000 million years old?

SF Japan is launching its own version of the Space-shuttle. Is it called Hope, Island-1 or Shogun?

ER A type of quartz is named after a Scottish mountain range, what is it?

NT Where is the world's largest span bridge: Japan, Britain or the USA?

F Russian plans to reach Mars estimate a round trip will take them 2 years, 4 years or 6 years?

IN-QUEST

Questions

LW Are Halibut fresh water or salt water fish?

PE Burma is very monsoonal. How much rain fall does it get a year: 500 mm, 5,000 mm, or 50,000 mm?

SF Is the muses-A a weather satellite, a communications satellite or did it travel to the Moon and back?

ER How many people does the World Health Organisation believe are ill with malaria world-wide: 1, 10 or 100 million?

NT Can scrap tyres be recycled to create electricity?

F Britain aims to stop dumping sludge into the North and Irish sea by 1996, 1998, or 2000?

IN-QUEST

Questions

LW Are Bustards chicken-like birds, wild dogs, or a species of flower?

PE Is Martha's Vineyard an island in New England, USA, a mountain region in France, or a river valley in Africa?

SF What was the largest orbiting vehicle launched into Space?

ER Are DNA and RNA hereditary molecules, computer programmes or telecommunication systems?

NT When did the airbus first go into service?

F The USA and USSR are planning to build a joint Moon station during the first decade of 2000 - True or False?

IN-QUEST

Questions

LW What are Genets, Civets and Linsangs?

PE Is the Negev desert in the USSR, USA or Israel?

SF SAKIGAKE and SUISEI are two spacecraft launched by ISAs in 1986. What were they launched to observe?

ER Is the Irrawaddy River in China, Burma or India?

NT HDTV is a sort of super TV. What does the HD stand for?

F How soon do the Russians believe they will be ready for a manned flight to Mars: 5 years, 10 years or 12 years?

IN-QUEST

Answers

- True **F**
- 18-21 **NT**
- 187 km/h **ER**
- 5,900 million km away **SF**
- Swiss-Italian border **PE**
- Fish **LW**

4 years	F
Japan	NT
Cairngorm	ER
Hope	SF
4,600 million years old	PE
White	LW

Answers

IN-QUEST

▲

IN-QUEST	▲	
Answers	LW	The Mongoose family
	PE	Israel
	SF	Halley's comet
	ER	Burma
	NT	High Definition
	F	10 years

IN-QUEST	Answers	112 km/h	The Atlantic	Venus	Clay	The A321 is longer	It's a large, high speed catamaran
▲	LW	PE	SF	ER	NT	FT	

IN-QUEST

Answers

The USA	LW
The Mediterranean	PE
Japan	SF
Pitchstone	ER
Home Office large major enquiry system	NT
20 years	F

The image shows the 'IN-QUEST' logo in a stylized, white, serif font. To the right of the logo is a vertical column of five colored circles. From top to bottom, the circles are pink, red, teal, blue, and yellow. Each circle contains a white letter: 'F', 'NT', 'ER', 'SF', and 'PE'. Below the circles is a white triangle pointing upwards.

IN-QUEST

Answers

- ▲** The next decade
- F** 7,000
- NT** Francium
- ER** 7 times further into Space
- SF** The Caribbean
- PE** Corn
- LW**

IN-QUEST

Answers

- Small trees **LW**
- Mt Kosciuszko **PE**
- The USA and Japan **SF**
- Chalk **ER**
- 3 months **NT**
- One week **F**

- F** The ice-caps at the North Pole would melt if the temperature of Earth increased by 4, 14 or 40°C?
- NT** For what reason are artificial joints made from stainless steel and plastic?
- ER** The use of needles to cure illness and injury is called what?
- SF** Which Space Shuttle tragically exploded in 1986. Enterprise, Challenger or Discovery?
- PE** Is the Earth about 2,600, 3,600 or 4,600 million years old?
- LW** The hornet's nest is made of papier mâché. True or false?

IN-QUEST

Questions

- F** What is Biosphere II?
- NT** What is an endoscope used for?
- ER** How are man-powered aircraft powered?
- SF** What is the speed of light?
- PE** What is the greatest explosion ever recorded on Earth?
- LW** What is a baleen whale's principle food?

IN-QUEST

Questions

- F** Hydrogen-powered cars are a viable alternative to petrol-powered ones. True or false?
- NT** How many million 'blips' of musical information are there on a CD – 6, 26, or 126 million?
- ER** What is the Bernoulli Effect?
- SF** Which planet spins the fastest?
- PE** Hawaiian, Pinian, Pelean are all types of what?
- LW** Only the monkeys of Africa have prehensile tails. True or false?

IN-QUEST

Questions

- F** Ultrasound may be the technology behind future washing machines. True or false?
- NT** Many new cars have an ABS for extra safety. What is it?
- ER** Why are microphones also known as transducers?
- SF** Weightlessness in Space is not because of an absence of gravity. True or false?
- PE** Lightning strikes the Empire State Building about 100, 1,000 or 10,000 times a year?
- LW** Dogs have about 20, 40 or 60 teeth?

IN-QUEST

Questions

- F** The greenhouse effect may have what effect on the southern European countries of Spain, Italy and Greece?
- NT** Each crew member aboard a nuclear submarine has 2, 4 or 8 square metres to himself?
- ER** Every year rats and mice eat enough food to feed almost half the world's starving humans. True or false?
- SF** The surface temperature of Venus is 4.5, 14.5 or 24.5 times that of boiling water?
- PE** The inner core of the Earth is about 2,500, 3,500 or 4,500°C?
- LW** The Queen, worker and drone are types of which social insect?

IN-QUEST

Questions

- F** Radioactive contamination at the nuclear plant at Three Mile Island is expected to take 20, 30 or 40 years to clean?
- NT** A fully laden 200,000 tonne oil tanker takes 500 metres, 1 km or 10 km to stop?
- ER** Hydroponics is the technique of growing crops without light, water or soil?
- SF** NASAs Long Duration Exposure Facility has been in Space for 6, 16 or 26 years?
- PE** Life expectancy in the developed world has risen because of better diet, medical advances or a cleaner environment?
- LW** A human living 70 years has about 500, 2,500 or 5,000 million heartbeats?

IN-QUEST

Questions

- F** It has been predicted that by 2030 the temperature at the North Pole will be 28, 38 or 48°C hotter.
- NT** A Main Battle Tank typically weighs about 10, 60 or 100 tonnes?
- ER** Isaac Newton defined 3, 4 or 5 laws of motion?
- SF** Venus has experienced a 'greenhouse effect'. True or false?
- PE** What sound occurs when an aircraft overtakes its own sound waves?
- LW** When opening a shellfish to feed a starfish can exert a force of 3, 6 or 12 kg?

IN-QUEST

Questions

- F** What will replace electricity in the computers of the future?
- NT** A kinetic energy round destroys its target with its speed alone. True or false?
- ER** An athlete's heartbeat may be as low as 15, 25 or 35 beats per minute?
- SF** Voyager 2 took 6, 12 or 18 years to reach Neptune?
- PE** At the equator the rotational speed of the Earth is 669, 1,669 or 2,669 km/h?
- LW** For what reason does the vampire bat's saliva stop blood clotting?

IN-QUEST

Questions

- F** What is an 'expert doctor' system?
- NT** 4MATiC is one of the newest safety systems offered on Mercedes Benz cars. What is it?
- ER** You see lightning before you hear thunder because light travels 1,000, 100,000 or 1,000,000 times faster?
- SF** Jupiter rotates at a speed 9, 19 or 29 times faster than Concorde?
- PE** What are washing powders with added enzymes popularly called?
- LW** A skunk can fire its smelly liquid up to 1.5, 3.5 or 5.5 metres?

IN-QUEST

Questions

True

LW

About 4,600 years old

PE

Challenger

SF

Acupuncture

ER

This combination has the effect of self-lubricating

NT

4°C

F

IN-QUEST

Answers

Tiny shrimps called krill

LW

The eruption of Krakatoa in 1833

PE

300,000 km per second

SF

By pedal power

ER

Looking inside the body

NT

A controlled-environment research centre in the USA

F

IN-QUEST

Answers

False - only the monkeys of South America have tails that can grip.

LW

Volcano

PE

Jupiter, at 45,500 km/h

SF

That air pressure drops as an aircraft's speed increases.

ER

26 million

NT

True, they have already been tested.

F

IN-QUEST

Answers

40

LW

About 1,000 times a year

PE

True. Weightless astronauts are falling at the same rate as their craft

SF

Because they turn sound into electrical energy

ER

Anti-lock braking system

NT

True

F

IN-QUEST

Answers

Bee

LW

4,500°C

PE

4.5 times

SF

False. They eat more than enough to feed all the world's starving humans

ER

2 square metres

NT

They could become desert

F

IN-QUEST

Answers

About 2,500 million

LW

Better diet and a cleaner environment

PE

6 years

SF

Soil

ER

10 km

NT

40 years

F

IN-QUEST

Answers

3 kg

LW

A sonic boom

PE

True

SF

3

ER

About 60 tonnes

NT

28° C hotter

F

IN-QUEST

Answers

So it can lap up its victim's blood

LW

1,669 km/h

PE

12 years

SF

35 beats per minute

ER

True

NT

Laser light, which moves faster

F

IN-QUEST

Answers

3.5 metres

LW

Biological powders

PE

19 times

SF

1,000,000 times faster

ER

A system that automatically switches to 4-wheel drive when extra grip is required

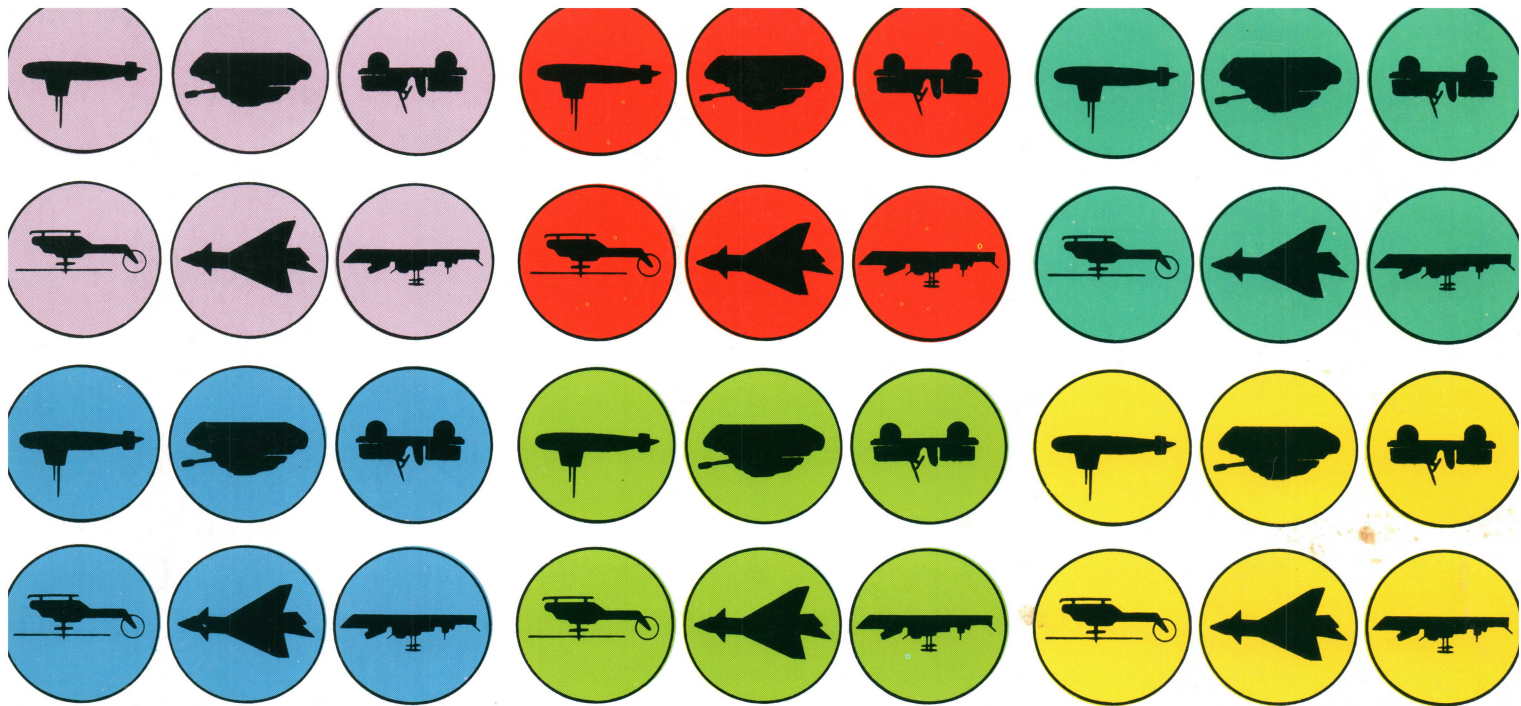
NT

A computerized medical diagnosis system

F

IN-QUEST

Answers



IN-QUEST ▲

Answers

LW High altitude wind

PE In Scotland

SF A supernova

ER In a car engine

NT Tin

F Silicon

IN-QUEST ▲

Answers

LW Everything

PE Five hours

SF December

ER At the back

NT North and south

F No

IN-QUEST ▲

Answers

LW The Sequoia tree, from California

PE A cold front

SF Endeavour

ER They all use sonar

NT Hot

F No

IN-QUEST ▲

Answers

LW After death

PE Spring tides

SF The Sun

ER Bicycles

NT Green

F Read Only Memory

IN-QUEST ▲

Answers

LW Australia

PE Magma

SF Yuri Gagarin

ER A machine gun

NT Carbon (C), Iron (Fe)

F Marvin

IN-QUEST ▲

Answers

LW Plants

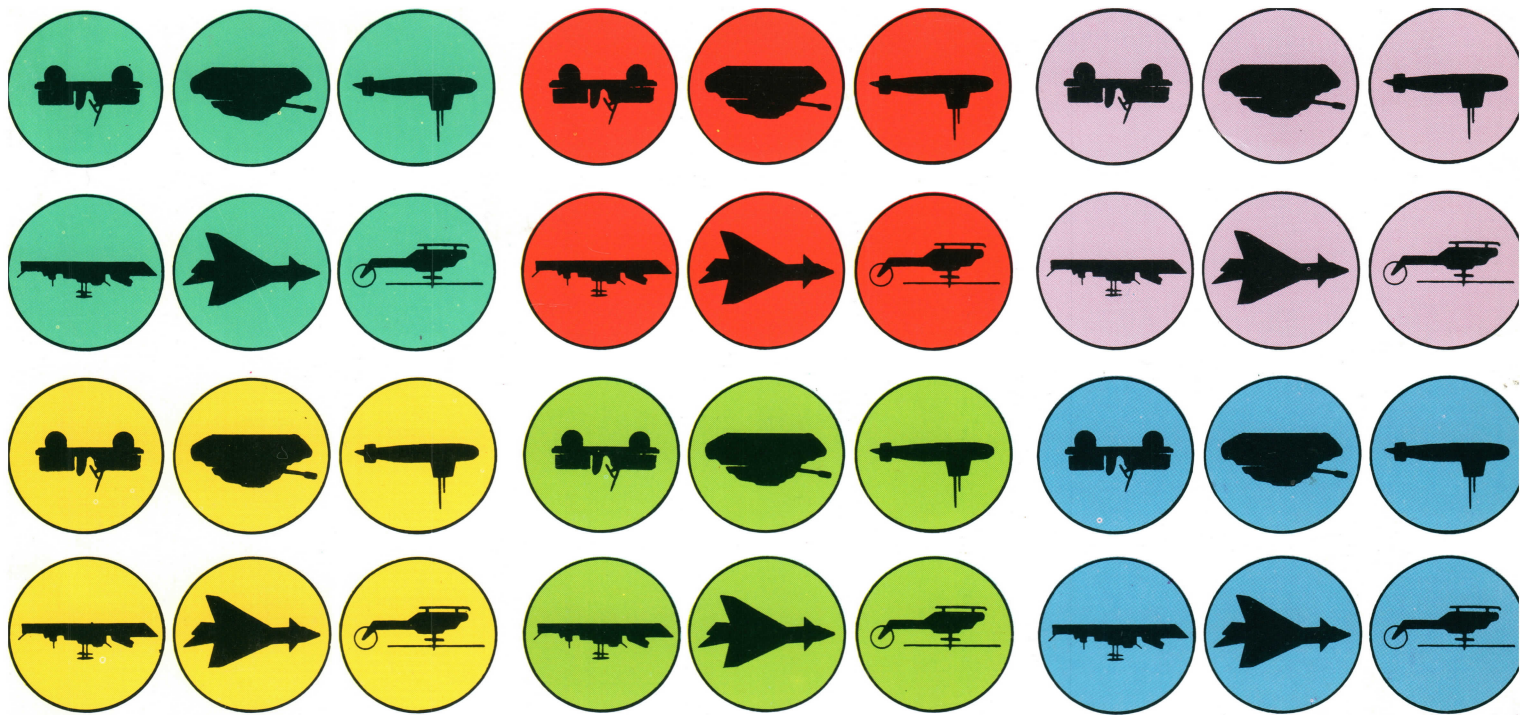
PE Earthquakes

SF Sirius

ER A-E-R-I-A-L

NT Radiation

F Lead



IN-QUEST ▲

Questions

LW What is the largest plant on Earth?

PE On a weather map what does a line with black triangles mean?

SF What is the name of the latest US Space Shuttle?

ER What do submarines, bats and dolphins have in common?

NT What does infra-red radiation feel like if it falls on your skin?

F Will it ever be possible to make a perpetual motion machine?

IN-QUEST ▲

Questions

LW What does an omnivore eat?

PE What is the time difference between London and New York?

SF Is the Earth nearest to the Sun in December or June?

ER Is the stern at the front or back of a ship?

NT Which two poles of a magnet are attracted to each other – north and north, south and south, or north and south?

F Is it possible to travel faster than the speed of light?

IN-QUEST ▲

Questions

LW What is a jet stream – the exhaust trail from a jet, a high altitude wind or a fast flowing river?

PE Where are the Cairngorm mountains?

SF What is an exploding star called?

ER Where would you find a 'big end'?

NT Bronze is an alloy of copper and which other metal?

F What are computer chips made out of?

IN-QUEST ▲

Questions

LW Do pineapples grow on trees, plants or bushes?

PE What does a seismologist study?

SF What is the brightest star in the sky – Pole, Sirius, or Barnard?

ER How do you spell aerial?

NT Does the Sun's heat reach us by conduction, convection or radiation?

F What substance has recently been removed from petrol to make it less harmful – uranium, carbon or lead?

IN-QUEST ▲

Questions

LW Where is the Great Barrier Reef?

PE What is molten rock inside the Earth called?

SF Who was the first man to orbit the Earth?

ER What is a Bren?

NT What are the two main elements found in steel?

F What was the name of the android in 'Hitch-Hiker's Guide to the Galaxy'?

IN-QUEST ▲

Questions

LW At what stage in a person's life can a postmortem be carried out?

PE Which tides are highest, spring tides or neap tides?

SF What is the nearest star to Earth?

ER What vehicles use a derailleur gear?

NT Are emeralds blue, green or red?

F In computing what do the initials ROM stand for?